



Dian Novita, S.T., M.Pd.

| Position                                                         | Chemistry Education Lecturer                                                                                                                                                                                                                                                      |                                            |                |                     |
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|                                                                  | Lecturer in Chemistry Education                                                                                                                                                                                                                                                   |                                            |                |                     |
| Academic Career                                                  | Degree                                                                                                                                                                                                                                                                            | University                                 |                | Year                |
|                                                                  | Bachelor Degree<br>(Chemical Engineering)                                                                                                                                                                                                                                         | Institut Teknologi Sepuluh<br>Nopember     |                | 1992-1997           |
|                                                                  | Master Degree<br>(Science Education)                                                                                                                                                                                                                                              | Universitas Negeri Surabaya                |                | 2000-2003           |
|                                                                  | Doctoral Degree<br>(Science Education)                                                                                                                                                                                                                                            | Universitas Negeri Surabaya                |                | On Process          |
| Employment                                                       | Position                                                                                                                                                                                                                                                                          | Employer                                   |                | Period              |
|                                                                  | Senior Assistant                                                                                                                                                                                                                                                                  | Universitas Negeri Surabaya –<br>Indonesia |                |                     |
| Research and<br>Development<br>Projects Over The<br>Last 5 Years | Title                                                                                                                                                                                                                                                                             | Year                                       | Partner/Funder | Amount of Financing |
|                                                                  | Penerapan Lembar Kerja Siswa<br>Scientific pada Pembelajaran<br>Struktur Atom untuk Siswa Kelas X<br>SMA di Kabupaten Gresik<br><i>(Implementation of Scientific<br/>Student Worksheet on Atomic<br/>Structure Learning for Senior High<br/>School Grade X Students in Gresik</i> | 2015                                       | BOPTN Unesa    | Rp 10.000.000,00    |

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|  | District)                                                                                                                                                                                                                                                                                                                                                                      |      |             |                   |
|  | Pengembangan Kurikulum Berorientasi KKN Mata Kuliah Kependidikan Prodi S1 Kependidikan FMIPA Unesa untuk Memfasilitasi Mahasiswa Sesuai Kebutuhan Abad 21<br><i>(Development of INQF-Oriented Curriculum for Educational Courses of the Bachelor Degree (S1) Faculty of Mathematics and Natural Sciences Unesa to Facilitate Students According to the 21st Century Needs)</i> | 2015 | IDB Unesa   | Rp 150.000.000,00 |
|  | Penelusuran Lulusan Jurusan Kimia FMIPA Unesa melalui Tracer Study sebagai Umpan Balik Penyempurnaan Kurikulum<br><i>(Graduates Tracking of Chemistry Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya through Tracer Study as a Curriculum Improvement Feedback)</i>                                                                        | 2016 | BOPTN Unesa | Rp 10.000.000,00  |
|  | Efektivitas Multimedia Interaktif                                                                                                                                                                                                                                                                                                                                              | 2017 | Penelitian  | Rp 98.787.000,00  |

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|  | (MMI) dan Kit dengan Strategi Writing-to-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu<br><i>(The Effectiveness of Interactive Multimedia and Kits with a Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Imparment Students)</i>                                                                          |      | Unggulan Perguruan Tinggi, DP2M                    |                  |
|  | Kegiatan Laboratorium Matakuliah Kimia Fisika IV Berbasis Inkuiri untuk Melatih Keterampilan Berpikir Tingkat Tinggi Mahasiswa Jurusan Kimia<br><i>(Inquiry-Based Laboratory Activities of Physical Chemistry IV Course to Train Chemistry Department Students' Higher Order Thinking Skills)</i>                                     | 2017 | Penelitian Kebijakan FMIPA Unesa                   | Rp 10.000.000,00 |
|  | Pengembangan Perangkat Pembelajaran pada Matakuliah Kimia Industri untuk Menunjang Ecopreneurship di Jurusan Kimia FMIPA Unesa<br><i>(Development of Learning tools in Industrial Chemistry Course to Support Ecopreneurship in the Chemistry Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya)</i> | 2017 | Penelitian Kebijakan FMIPA Unesa, Dana BOPTN Unesa | Rp 10.000.000,00 |

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|  | <p>Melatih Ecopreneurship Melalui Merancang Permainan sebagai Media Pembelajaran Kimia pada Perkuliahan Media Permainan Kimia</p> <p><i>(Training Ecopreneurship Through Designing Games as Chemistry Learning Media in Chemistry Game Media Course)</i></p>                                                              | 2018 | <p>Penelitian Dana PNBPFMIPA Unesa</p> | Rp 10.000.000,00 |
|  | <p>Pengembangan Pembelajaran English for TEP Berbasis Vi-Learn untuk Melatihkan Keterampilan Berkomunikasi Verbal Mahasiswa Jurusan Kimia</p> <p><i>(Development of English for TEP Learning Based on Vi-Learn to Practice Verbal Communication Skills of Chemistry Department Students)</i></p>                          | 2018 | <p>Penelitian Dana PNBPFMIPA Unesa</p> | Rp 10.000.000,00 |
|  | <p>Pengembangan Perangkat Pembelajaran Matakuliah Pengembangan Media Pembelajaran Kreatif sebagai Model untuk Memfasilitasi Implementasi Eco-Commitment di Jurusan Kimia FMIPA Unesa</p> <p><i>(Learning tools Development of Creative Learning Media Development Course as a Model to Facilitate Eco-Commitment)</i></p> | 2018 | <p>Penelitian Dana PNBPFMIPA Unesa</p> | Rp 10.000.000,00 |

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|  | <i>Implementation in Chemistry Department Faculty of Mathematics and Natural Sciences Universitas Negeri Surabaya)</i>                                                                                                                                                                      |      |                                                                             |                   |
|  | EFEKTIVITAS MULTIMEDIA INTERAKTIF (MMI) DAN KIT DENGAN STRATEGI WRITING-TO-LEARN (WTL) DALAM PEMBELAJARAN IPA UNTUK SISWA TUNARUNGU (Tahun 2)                                                                                                                                               | 2019 | DP2M                                                                        | 140               |
|  | Efektivitas Multimedia Interaktif (MMI) dan Kit dengan Strategi Writing-to-Learn (WTL) dalam Pembelajaran IPA untuk Siswa Tunarungu<br><i>(Effectiveness of Interactive Multimedia and Kits with a Writing-to-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students)</i> | 2019 | Penelitian Terapan Unggulan Perguruan Tinggi Lanjutan, Dana DRPM Mono Tahun | Rp 216.400.000,00 |
|  | Efektivitas Vi-nesa Pada Mata Kuliah Media Kreatif Jurusan Kimia<br><i>(The Effectiveness of Vi-nesa in Chemistry Department Media Creative Course)</i>                                                                                                                                     | 2019 | Penelitian E-Learning, Dana PNBP Melalui LPPM                               | Rp 18.750.000,00  |

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|                                                | Merancang Media Pembelajaran Kimia untuk Melatih Ecopreneurship pada Perkuliahan Pembelajaran Kimia SMK<br><i>(Designing Chemistry Learning Media to Train Ecopreneurship in Vocational Chemistry Learning Lectures)</i> | 2019        | PNBP Melalui FMIPA    | Rp 10.000.000,00                     |
|                                                | Pengembangan Sumber Belajar Digital Sebagai Sarana Memotivasi Perkuliahan Kimia Fisika Selama Masa Study From Home (SFH)                                                                                                 | 2020        | Unesa                 | Rp 12.000.000,00                     |
| <b>Community Service Over The Last 5 Years</b> | <b>Title</b>                                                                                                                                                                                                             | <b>Year</b> | <b>Partner/Funder</b> | <b>Amount of Financing (million)</b> |
|                                                | Pelatihan Penelitian Tindakan Kelas Bagi Guru MGMP Kimia di Kabupaten Banyuwangi                                                                                                                                         | 2016        | BOPTN UNESA           | 7,5                                  |
|                                                | Pelatihan Penggunaan Virtual Lab Kimia untuk Menunjang Pembelajaran Kimia di Kota Blitar                                                                                                                                 | 2017        | BOPTN UNESA           | 7,5                                  |
|                                                | Pelatihan Praktikum Berbasis Inkuiri Pada Matapelajaran Kimia Bagi Guru MGMP Kimia di Kabupaten Kediri                                                                                                                   | 2018        | BOPTN UNESA           | 7,5                                  |
|                                                | PKM Pembuatan Bahan Pembersih (Sabun Transparan Dan Sabun Cair) Bagi Kelompok Masyarakat Tunarungu Di Kota Gresik                                                                                                        | 2019        | DRPM                  | 37                                   |
|                                                | Pelatihan Pembuatan Media Video                                                                                                                                                                                          | 2020        | Unesa                 | 7,5                                  |

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|                                                      | Pembelajaran Berbasis Windows+G Dalam Upaya Edukasi Tenaga Pendidik Di Kota Surabaya Pada Masa Pandemi Covid-19                                 |                                          |  |             |
| <b>Industry Collaborations Over The Last 5 Years</b> |                                                                                                                                                 |                                          |  |             |
| <b>Patents and Proprietary Rights</b>                | <b>Title</b>                                                                                                                                    | <b>Patent ID</b>                         |  | <b>Year</b> |
|                                                      | Kit Kimia dalam Kehidupan Sehari-hari untuk SMALB Tunarungu (Chemistry in Daily Life Kit for the Hearing Impairment Senior High School Student) | Copyright registration number: 000108185 |  | <b>2018</b> |
|                                                      | Kimia Dalam Kehidupan Sehari-hari Untuk SMPLB Tunarungu (Buku)                                                                                  | EC00201947612                            |  | <b>2019</b> |
|                                                      | Kimia Dalam Kehidupan Sehari-hari Untuk SDLB Tunarungu (Buku)                                                                                   | EC00202018353                            |  | <b>2020</b> |
|                                                      | LKPD Dengan Model Pembelajaran Conceptual Change Untuk Meremidiasi Miskonsepsi Peserta Didik Pada Materi Ikatan Kimia (Buku)                    | EC00202018362                            |  | <b>2020</b> |
|                                                      | Instrumen Tes Diagnostik Four-Tier Multiple Choice (4TMC) Untuk Mendeteksi Miskonsepsi Pada Konsep Laju Reaksi (Karya Tulis)                    | EC00202018363                            |  | <b>2020</b> |

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|                                                    | LKPD Dengan Strategi Pembelajaran PDEODE Untuk Mereduksi Miskonsepsi Peserta Didik Pada Sub Materi Perkembangan Teori Atom (Buku)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EC00202018377 | 2020 |
| <b>Important Publication Over The Last 5 Years</b> | <ol style="list-style-type: none"> <li>1. N. A. Puteri and <b>Dian Novita</b>. 2015. Development of Interactive Multimedia on Reaction Rate Topic for Eleventh-Grade Senior High School Student. <i>Unesa Journal of Chemical Education Vol. 4, No. 3, pp. 516-523.</i></li> <li>2. <b>Dian Novita</b>. and S. Tjahjani 2017. Development of Learning Materials on Industrial Chemistry Lecture to Support Ecopreneurship in Chemistry Department FMIPA Unesa. <i>Journal of Chemistry Education Research (JCER), Volume 1, No 2, December 2017; pp 55-59. ISSN: 2549 – 1644</i></li> <li>3. G. C. P. Hadayani and <b>Dian Novita</b>. 2017. Implementasi Pembelajaran Kooperatif Tipe Two Stay Two Stray (TSTS) untuk Melatihkan Karakter pada Materi Laju Reaksi di SMAN 1 Krembung Sidoarjo (Implementation of Two Stay Two Stray (TSTS) Cooperative Learning Type to Train Characters in Reaction Rate Material at Krembung 1 Senior High School Sidoarjo). <i>Unesa Journal of Chemical Education Vol 6 No 1 pp: 30-34.</i></li> <li>4. A. M. Carisma and <b>Dian Novita</b>. 2017. Interpretasi, Analisis, dan Inferensi dengan Penerapan Model Pembelajaran Berbasis Masalah pada Materi Pokok Laju Reaksi Kelas XI di SMA 1 Manyar Gresik. Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, ISBN: 978-602-0951-15-7</li> <li>5. <b>Dian Novita</b>. 2017. Pengembangan LKS Entrepreneurship dengan Strategi Writing to Learn untuk Siswa Tuna Rungu. Prosiding Seminar Nasional Kimia, Jurusan Kimia FMIPA Unesa, ISBN: 978-602-0951-15-7.</li> <li>6. A. Lutfi, R. Hidayah and <b>Dian Novita</b>. 2018. Build Ecopreneurship College Student through Design Game As Learning Media of Chemistry on Media Lecture Game of Chemistry. <i>Advances in Engineering Research, Atlantis Press Vol 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.</i></li> <li>7. Sukarmin, S. Poedjiastoeti, <b>Dian Novita</b>, A. Lutfi. 2018. Effectivity of Interactive Multimedia and Student Activity Sheets with Writing-To-Learn (WTL) Strategy in Science Learning for Hearing Impairment Students . <i>Advances in Engineering Research, Atlantis Press Volume 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.</i></li> <li>8. H. M. Akbar and <b>Dian Novita</b>. 2018. Penerapan Model Pembelajaran Kooperatif Tipe Think Pair Share Dengan Media Chemic (Chemistry Comic) untuk Meningkatkan Hasil Belajar Siswa pada Materi Ikatan Kimia di SMAN 1 Krian Sidoarjo (Implementation of Cooperative Learning Model Think Pair Share Type</li> </ol> |               |      |

- with Media Chemic (Chemistry Comic) to Improve Student Learning Outcomes on Chemistry Bonding Topic at Krian 1 Senior High School Sidoarjo). *Unesa Journal of Chemical Education Vol 7 No 2 pp: 276-282*
9. M. A. T. Prasetyo and **Dian Novita**. 2018. Training Multiple Intelligences (Visual-spatial and Linguistic Intelligence) of Students through Guided Inquiry Model Lesson on Reaction Rate Chapter. *Advances in Engineering Research, Atlantis Press, Vol 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7*
  10. B. Yonata, S. Tjahjani and **Dian Novita**. 2018. Students' Creativity and High Order Thinking Skills in Laboratory Activity of Surface Chemistry. *Advance in Intelligent Systems Research (AISR) Vol 157*
  11. S. Purnomo and **Dian Novita**. 2018. Melatihkan Multiple Intelligences Peserta Didik Melalui Model Pembelajaran Kooperatif Jigsaw pada Materi Laju Reaksi. *Prosiding Seminar Nasional Kimia 2018, Jurusan Kimia FMIPA Unesa*
  12. U. D. Mustaqima and **Dian Novita**. 2018. Pengembangan LKS dengan Strategi Writing-To-Learn untuk Siswa SMPLB Tuna-rungu pada Materi Kimia Rumah Tangga. *Prosiding Seminar Nasional Kimia 2018, Jurusan Kimia FMIPA Unesa.*
  13. A. Lutfi, R. Hidayah and **Dian Novita**. 2018. Build Ecopreneurship College Student Through Design Game As Learning Media of Chemistry On Media Lecture Game of Chemistry. *Advances in Engineering Research, Atlantis Press, Vol 171. ISSN: 2352-5401, ISBN: 978-94-6252-591-7.*
  14. N. Mardiana, A. Lutfi and **Dian Novita**. 2019. CHIBO Adventure Games a Learning Media on Chemical Bond Matter for Senior High School. *Proceedings of the National Seminar on Chemistry 2019 (SNK-19) Atlantis Press.*
  15. **Dian Novita**, S. Poedjiastoeti, Sukarmin and A. Lutfi. 2019. Interactive Multimedia and Kit Implementation on Chemistry in Daily Life Topic with Writing-to-Learn Strategy for Hearing Impairment Students. *Proceedings of the National Seminar on Chemistry 2019 (SNK-19) Atlantis Press.*
  16. **Dian Novita**. 2020. Pelatihan Praktikum Berbasis Inquiry Bagi Guru Mgmp Kimia Di Kabupaten Kediri. *Jurnal ABDI Vol 6, No 1*

| Activities in Special Institution | Organization Role              | Position | Period          |
|-----------------------------------|--------------------------------|----------|-----------------|
|                                   | Himpunan Kimia Indonesia (HKI) | Member   | 2010 - Sekarang |